[redacted] JOB 165

STATINTL

Shipping Address:

Contents: 9 (nine) crates plus loose items per following list:

50 lbs.	Crate #1	Screen - 35" x 36" x 5"
850 lbs.	Crate #2	Donut - 43" x 43" x 15"
450 lbs.	Crate #3	2 (two) Tanks & Projection Turret - 22" x 63" x 22"
300 lbs.	Crate #4	Lamphouse and Lower Turret - 52" x 22" x 28"
50 lbs.	Crate #5	Linear Turret - 14" x 23" x 14"
30 lbs.	Crate #6	Mirror - 23" x 20" x 4"
250 lbs.	Crate #7	Film Tray - 43" x 43" x 28"
250 lbs.	Crate #8	Blower, Hose, Tool Boxes, Misc. - 48" x 39" x 34"
70 lbs.	Crate #9	Motor - 21" x 19" x 13"

LOOSE ITEMS

1200 lbs.	#10	Reader Frame - 8' x 46" x 6'
350 lbs.	#11	Power Supply - 26" x 8" x 41"
139 lbs.	#12	10-gallon Freon T F
139 lbs.	#13	10-gallon Freon T F

NEED 5000# CAPACITY FORK LIFT WITH FORK EXTENSIONS APPROXIMATELY 7 FEET LONG.

99053

SECRET

NPIC/D-8-65
14 January 1965

MEMORANDUM FOR: Assistant for Plans & Development, NPIC

25X1A
25X1A SUBJECT: Overrun on [redacted] with [redacted] for Variable Width Film Reader

25X1A
1. I have been presented with the [redacted] Minutes of 10 December 1964 and asked to approve an overrun of some
25X1A [redacted] on a base contract of [redacted] after the contract had been completed and, indeed, the instrument prepared for
25X1A delivery to the building. In turn, I am to justify this to the Director, NPIC and the Deputy Director (Intelligence) and ask them to approve it. I understand that a variety of problems arose during the performance of this contract, important among which was the lack of detailed information on the liquid gate which presumably was to be furnished by
25X1A the [redacted] I note further that as far back as April your monitor was aware of and noted in his inspection report the fact that this contract might overrun by 10%.
25X1A No action was taken at that time to refer the matter to [redacted] or to me. Again in October it was noted in an inspection report that this contract would overrun, this time the
25X1A estimate having been raised to [redacted] Once again no action was taken. Now, when it is too late to take any action other than approve what in fact is a "fait accompli" I am forced to sign off and justify an overrun of better than 31%.

25X1A
2. An overrun of this magnitude should have been brought to the attention of the [redacted] when first discovered by your contract monitor. There is no point in having a Committee meet and deliberate on projects, for me and the Director to review and validate them, and then have the DD/I and, indeed, the DDCI sign off on them only to have overruns later develop which are not called to the attention of approving authorities until any action other than approval

SECRET

MEMORANDUM FOR THE RECORD

STATINTL SUBJECT: Overrun on Contract [redacted]

STATINTL

1. To better understand the problems behind the [redacted] Variable Width Film Reader overrun, the following summary of events has been prepared.

STATINTL

2. When the proposal for the reader was requested, [redacted] was given the understanding by the undersigned that information on the liquid film gate and illumination source would be made available to them if they were awarded the contract. This statement was based on verbal assurance given STATINTL to me by [redacted] which was doing the liquid gate and light source study, had a working model of the liquid gate and associated illumination system. After negotating the contract, STATINTL but prior to the final sign off by our contract administrators [redacted] sent STATINTL personnel to [redacted] to determine the extent and applicability of the information available to them on the liquid gate STATINTL and the associated light source. The date of the visit to [redacted] was 27 June 1963. The final sign off date of the contract was 29 June 1963. STATINTL After [redacted] had evaluated the information received during this visit, it STATINTL was determined that the [redacted] concepts could not be applied STATINTL to the [redacted] development and that [redacted] would essentially have to start from STATINTL scratch on both the liquid gate and light source problems. This involved research and design effort in excess of that which [redacted] anticipated. However, [redacted] chose at that time not to request an increase in funds because they STATINTL felt that they could not predict valid price information at that time and might be able to absorb the increased effort.

3. From approximately August 1963 until about March 1964 design proceeded on the Reader at a slower than expected rate because of the extra work required on the liquid gate and light source. During this time
STATINTL period it was reported on the Monthly Contract Inspection Report that [redacted] would stay within the allocated funds. However, by April 1964 it was
STATINTL apparent to the monitor that [redacted] would not complete the task within the allocated funds, and it was so stated in the 29 April 1964 Contract
STATINTL Inspection Report. At this time, [redacted] estimated that they could complete
STATINTL the project for an additional 10 percent over the contract price of [redacted] Also at this time, [redacted] planned to absorb the increased cost from their
STATINTL profit, and therefore did not notify the contracting officer of an inpending overrun. As work on the equipment progressed, it became more
STATINTL and more apparent that completion of the job would require more funds than [redacted] had originally estimated. When it became apparent that [redacted]
STATINTL could not possibly complete the job without additional funds, the monitor requested that they make a careful estimate of the funds required to complete the job so that only one overrun would have to be funded. It was also pointed out to Company representatives, and they fully understood the consequences, that the technical monitor had no authority to commit funds for the Government and any money the company spend over the allocated funds would be at their own risk.

4. It should be noted that all Contract Status Reports from April
STATINTL 1964 through the present indicate that [redacted] would not remain within the allocated funds, and that the Contracting Officer never contacted the company concerning their financial status as a result of these reports.

In addition on the 27 May and 29 June 1964 Contract Inspection reports
STATINTL the monitor reported that [redacted] was having difficulty in obtaining the
STATINTL necessary condensor elements from their supplier. It is felt that the delays in obtaining the necessary condensor elements was beyond [redacted] control. However, it did result in considerable time delay which usually results in increased costs because the fabrication of the equipment
STATINTL cannot proceed in a logical work pattern. During the September inspection visit it was obvious to the monitor that an overrun of approximately [redacted] could be anticipated and was so reported in the 1 October 1964 Contract
STATINTL Inspection Report. During this inspection visit the monitor informed [redacted] that they were spending funds without authorization and requested that they take immediate action to correct the situation.

STATINTL 5. On the 29th of October [redacted] finally submitted a request for overrun
STATINTL to the Contracting Officer at [redacted] The Company did not send a
STATINTL copy directly to the technical monitor but sent two copies to the Washington representative [redacted] who then telephoned the monitor and delivered a copy by hand one week later. The verbal notification of the overrun request arrived when the monthly Contract Inspection Report was in preparation and was therefore included in the 1 November report.

STATINTL 6. After waiting several weeks for the official request for overrun
STATINTL to come through channels, the monitor checked back to [redacted] through [redacted] LB/SS. [redacted] reported that they understood that the
STATINTL monitor had received the request through the local [redacted] representative
STATINTL and therefore did not forward a copy or request that any action be taken. At that time, the monitor began to prepare material in support of the

STATINTL request for overrun for [redacted] action. This recommendation was then taken STATINTL up and approved by [redacted] on 10 December 1964 (approximately six weeks after the request was made by [redacted]. STATINTL

7. The monitor has never received a copy of the overrun request through official channels. It is believed that all copies available in NPIC are copies of the [redacted] internal correspondence. STATINTL

8. The Reader was delivered to the NPIC on 28 December 1964 and is presently being debugged. During the performance period of this contract starting 29 June 1963 through the time the instrument was delivered and installed in this building, the monitor made a total of 10 inspection STATINTL visits to [redacted] to inspect contract progress. This is an average of almost ten weeks between inspection visits and is clearly inadequate for monitoring a contract of this scope. The long period between visits can be directly related to the work load borne by the monitor. It is believed that the monitor on this contract performed his duty to the best of his ability under the circumstances and the charge of carelessness and neglect should be withdrawn.

STATINTL [redacted]

Next 2 Page(s) In Document Exempt

9970 5 3

STATINTL

November 4, 1965

Dear Jerry,

Here is the pack[illegible] for [redacted] containing the new board [redacted] 2 sets [illegible] rawings including [redacted] (marked up [illegible] rawing), s[illegible]etch [redacted] and [redacted] and 2 replacement dancer arms.

STATINTL STATINTL STATINTL STATINTL STATINTL STATINTL

The new board will generate clock pulses synchr[illegible]nized with the power line, when supplied inputs as shown. A minor modification of present clock board is required, as shown on [redacted] This should get rid of the jiggle problem once and for all. Please let me know when the boards are installed and how they work.

The new arms will [illegible]eplace the present ones, and the problem of slippage of [illegible]on shaft should be no longer of concern. Then you m[illegible]ish to increase the number of springs in order to ge[illegible] tens[illegible]on.

I'll check with y[illegible] the near future.

V[illegible]y truly yours,

[redacted]

Project Engineer

DAW:pm

STATINTL

I gave this information along with the parts to [redacted] on Nov 12 1965 - [redacted]

STATINTL

Next 3 Page(s) In Document Exempt

997053

[redacted]

IPO/OSB/M-46-65
16 September 1965

MEMORANDUM FOR: Chief, Support Staff, NPIC

ATTENTION: Chief, Logistics Branch

SUBJECT: Relocation of the [redacted] Reader Viewer

REFERENCE: Memorandum IPO/OSB/M-47-65 dated 16 September 1965

25X1A

1. It is requested that the [redacted] Reader Viewer be rotated 90° to allow use of Room 3S455-E. Although the installation of the chip comparator is questionable in this area, the room can be used for the MI operation. As the situation now exists, the Reader-Viewer occupies space within Rooms 3S455-D and 3S455-E. Room 3S455-D is sufficiently large to allow instrument installation in that room with the folding panel closed.

25X1A

2. Representatives from [redacted] will be in the PAG area on Monday, 20 September 1965, therefore, it is requested that a GSA working crew be available for work at that time.

25X1A

[redacted]
Colonel, USA
Assistant for Photographic Analysis, NPIC

Distribution:
2 - Addressee
1 - P&DS/NPIC
1 - IPO/OSB/NPIC
1 - PAG/NPIC

ILLEGIB

25X1A

12 October 1965

MEMORANDUM FOR THE RECORD

STATINTL SUBJECT: [redacted] Reader Viewer

STATINTL During the last maintenance visit by [redacted] personnel, it was determined that the following problems existed on the [redacted] Reader.

1. The servo D. C. power supply has excessive ripple and does not permit smooth film motion.

2. The capstan drive and metering roll have inadequate wrap around permitting the film to slip on the rollers.

3. The mechanical connection between the capstan roller and the feed back potentiometer is a pressure friction fit and had insufficient surface area. It was working lose and slipping.

STATINTL The [redacted] personnel are aware of these problems and are preparing a proposal to make the necessary modifications to the machine. In addition it was observed at that time that a large amount of moisture was condensing in the compressed air lines and that there was air in the water lines. These conditions have been brought to the attention of the logistics staff and corrective action will be taken in the immediate future.

STATINTL [redacted]

Distribution:
Original - Project File
STATINTL 1 - [redacted]

clc

27 September 1965
IPO/OSB/M-49/65

MEMORANDUM FOR: The Record

25X1A SUBJECT: [redacted] Reader Viewer

25X1A

1. At approximately 1000 hours, the [redacted] technicians completed work on the reader viewer; however, the following items were still unsatisfactory:

a) Sufficient voltage is not applied by the power supply to allow for smooth film slew at all speeds.

b) The tensions exerted by dancer rollers is variable. This in part is another cause for uneven film slew.

c) Water is present in the compressed air-line which is detrimental to the air bearings.

25X1A

2. In talking to the technicians on this date, it was learned that possible modifications to relieve problems (a) and (b) noted
25X1A above will be attempted at some future date by [redacted] These will then be retrofitted to the present [redacted] reader viewer. The water
25X1A problem in the compressed air-line is being investigated by P&DS [redacted] to determine if there is any possibility of correcting the compressed air supply within NPIC. He will be queried from time to time concerning the progress on this problem.

25X1A [redacted]
Chief, Operations Support Branch, PAG

Distribution:
1 - Addressee
1 - P&DS/NPIC
1 - Asst for PA

997053 NPIC/RDS

CONFIDENTIAL

25X1A [redacted]

REGISTERED

18 February 1965

25X1A [redacted]

Subject : Supplement No. 1
25X1A Contract [redacted]

Gentlemen:

25X1A Reference is made to Contract [redacted] entered into as of 29 June 1963, for a Variable Width Film Reader.

The Government desires to provide additional funding and time for the performance of this Contract.

The parties hereto agree as follows:

1. That the "SCOPE OF WORK" shall be amended to include, by reference, the Technical information set out in Contractor's letter, dated 29 October 1964.

2. That the "PERIOD OF PERFORMANCE" for the work under this Contract shall be amended to read "31 December 1964".

3. That the estimated cost of performing this Contract shall be
25X1A increased by [redacted]

Costs in excess of this amount shall not be incurred without the prior written authorization of the Contracting Officer.

The fixed fee for the performance of work hereunder shall remain
25X1A [redacted]

CONFIDENTIAL

All other terms and conditions shall remain as originally stipulated.

Please indicate your acceptance of the foregoing by signing this letter and the enclosed two copies hereof. Retain one copy for your records and return the signed original and remaining one copy to the undersigned at the earliest practicable date.

Very truly yours,

25X1A

[redacted]

Contracting Officer

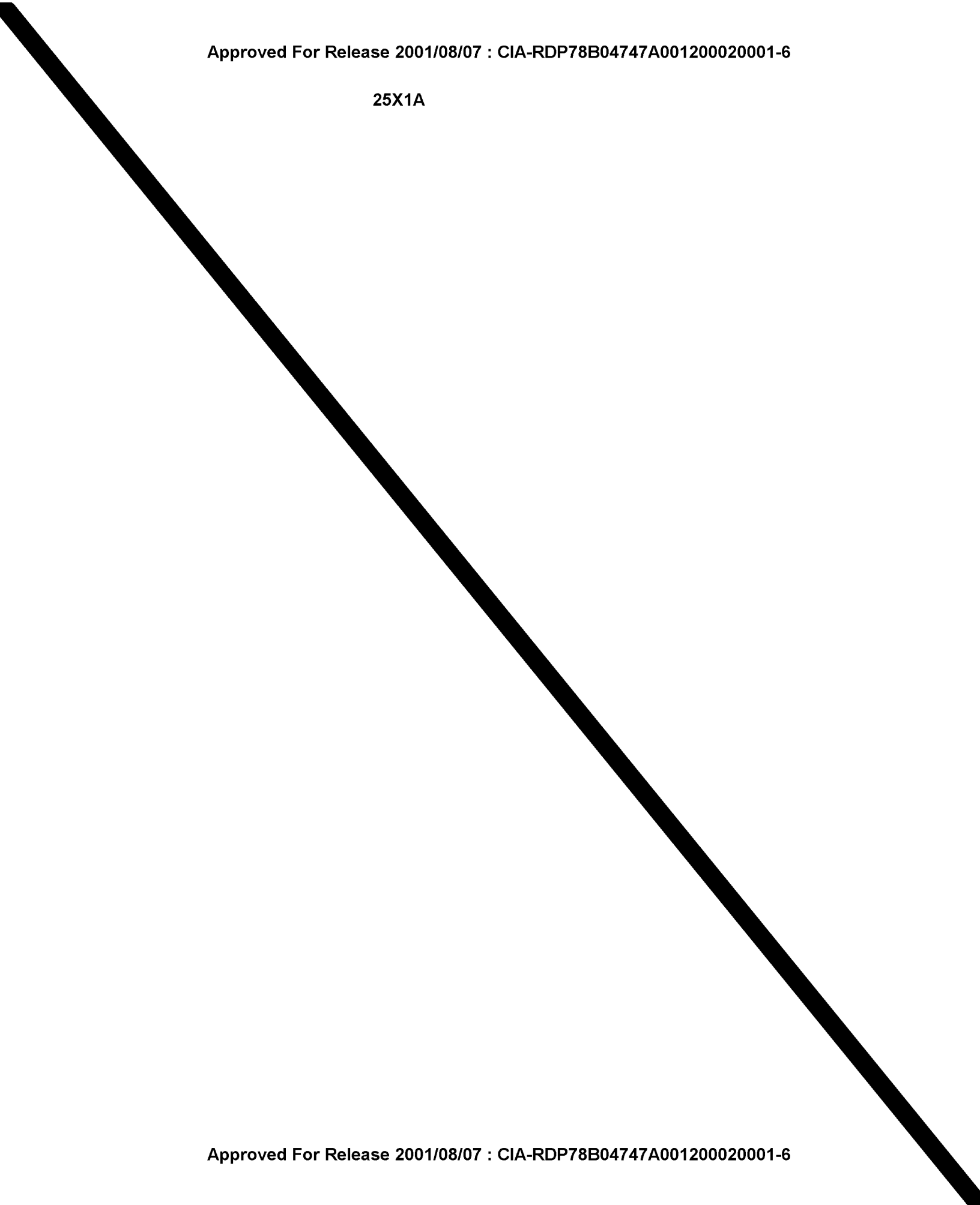
25X1A

[redacted]

BY_____

TITLE_____

25X1A



CONFIDENTIAL

NPIC/P&DS- 194-65
26 May 1965

MEMORANDUM FOR: Chief, Support Staff, NPIC

ATTENTION: Chief, Supply Section, LB

25X1A SUBJECT: Shipment of Lamp Housing to [redacted]

REFERENCE: Memorandum NPIC/P&DS/65-65, dated 4 March 1965
25X1A and [redacted] dated 1 March 1965

25X1A 1. We request that preparations be made for a priority air
25X1A express shipment of the [redacted] Variable Width Film Reader Lamp housing
25X1A from NPIC to the manufacturer, [redacted]

25X1A 2. Upon notification from the manufacturer that the two condensing lenses requested in the referenced memorandum and requisition are available, the lamp housing is to be returned to [redacted] for slight modification and installation of the lenses. After the
25X1A lenses are installed, the housing is to be immediately shipped back to NPIC where it will be replaced on the [redacted] Reader, which will then be placed in an operational [redacted]

25X1A [redacted]
Assistant for Films and Development

Distribution:
Orig & 1 - Addressee
1 - P&DS chrono
1 - DB chrono
1 - Proj file

25X1A 6Bm NPIC/P&DS, [redacted]

STATINTL [redacted]

Dear John:

We have shipped to you the two ceramic pots to replace the existing pots on the dancing arms. Physically the pots are the same so that they can be mounted on the same brackets. There are four connections to be made, and they should correspond to the present connections exactly. That is, the slider lead of the old pot is connected to the slider of the new pot; the center tap lead of the old pot goes to the center tap on the new pot which is the middle of the three terminals spaced 30° apart--one of which is the CW terminal. The outer terminals should be connected in the same physical way as the old pots were so that the signal to the motor amplifiers is of the right polarity.

Before taking the arm off the old pot, move the arm so that the slider is at the center tap, and mark its position. Then set the new pot with the slider at the center tap (use an ohmmeter and find minimum resistance) and replace the arm in the same position. This will greatly simplify readjustment.

When both units have been changed, check to see that tension motors are both rotating in the same direction as before. Adjust tension if necessary as follows:

1 - Put 500 feet of film in the machine and get half of it on each reel (250 feet each).

2 - Set voltage across each tension motor to 3.1 volts (DC meter) by slightly rotating respective pots.

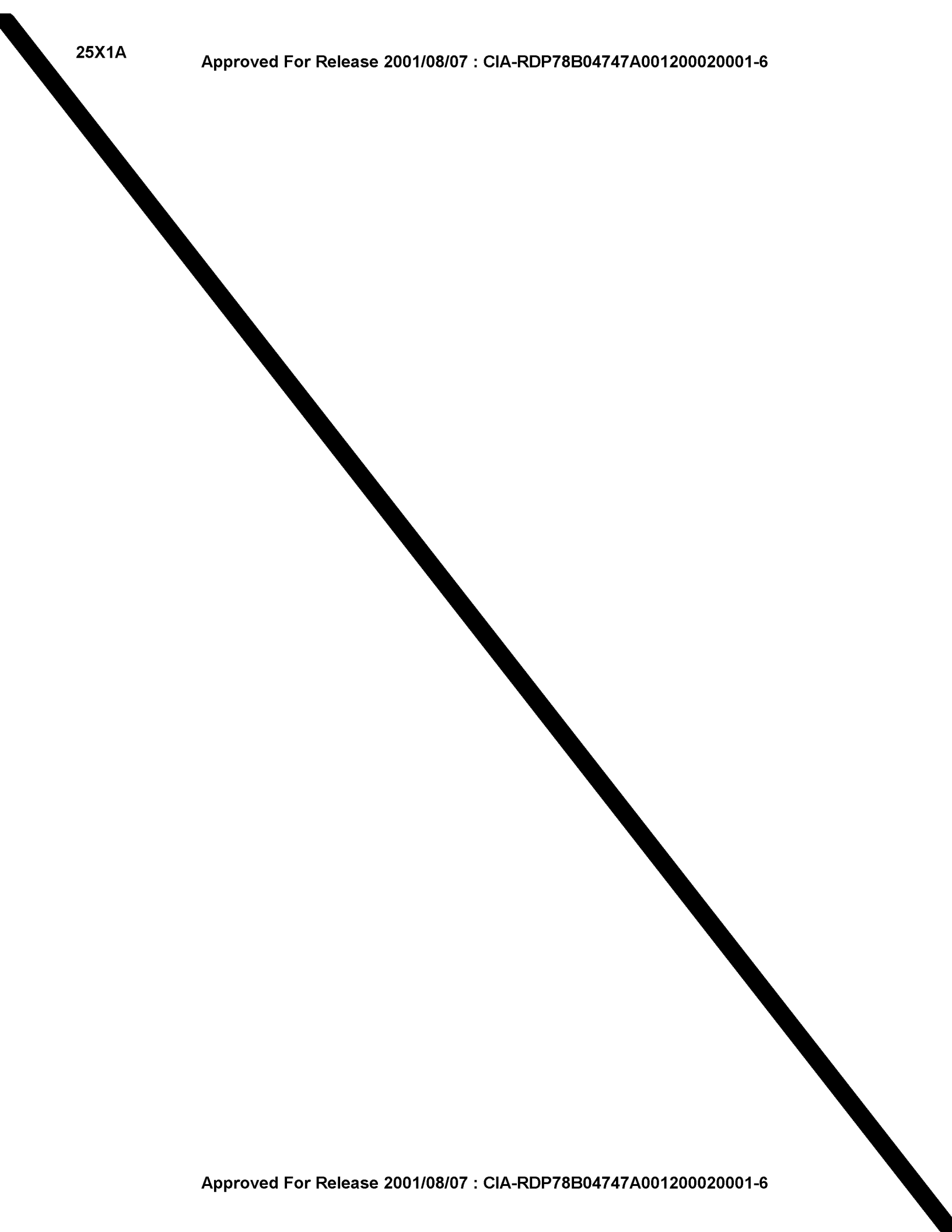
Sincerely yours,

STATINTL [redacted]

Project Engineer

STATINTL cc: [redacted]

DAW/clt



Approved For Release 2001/08/07 : CIA-RDP78B04747A001200020001-6

9220573

CONFIDENTIAL

TO : NPIC/P&DS

25X1A ATTN: [redacted]

FROM: [redacted]

DATE: 4/14/65

25X1A

25X1A The attached property report has been received from [redacted] on Contract [redacted] Task Order [redacted].

25X1A To facilitate final settlement of this Contract, you are requested to answer each of the following categories:

Please indicate if this report appears reasonable. For your convenience, circle one (YES) NO If NO indicate below---

Does the Contractor have any other items of Government Property either hand carried or delivered in his possession that has not been reported? For your convenience circle one YES (NO) If YES indicate below---

Indicate by circling the appropriate disposition instructions: (ACCEPT OFFER) ABANDON RETURN TRANSFER OTHER If RETURN, TRANSFER or OTHER indicate below --

Indicate below any additional comments that may help this office act upon the attached report. Please sign and date your reply.

25X1A [redacted]

CONFIDENTIAL

DEPARTMENT OF DEFENSE

INVENTORY SCHEDULE B—CONTINUATION SHEET

☒ TERMINATION ☐ NON-TERMINATION

Form approved. Budget Bureau No. 22-R075.

☒ RAW MATERIALS (Other than Metals) ☒ PURCHASED PARTS ☒ FINISHED COMPONENTS ☒ FINISHED PRODUCT ☒ MISCELLANEOUS

[redacted] | SUBCONTRACT OR P. O. NO. | REFERENCE NO. | PROPERTY CLASSIFICATION (See Instruction on DD 543) | DATE: 5 April 1965 | PAGE NO. 1 | NO. OF PAGES 2

FOR USE OF CONTRACTING AGENCY ONLY P.O.#	ITEM NO. (a)	DESCRIPTION: ITEM (b)	GOVERNMENT PART OR DRAWING NUMBER AND REV. NUMBER (b1)	TYPE OF PACKING (Bulk, bbls, crates, etc.) (b2)	CONDITION (Use code) (c)	QUANTITY (d)	UNIT OF MEASURE (d1)	COST (For finished product, show contract price instead of cost): UNIT (e)	COST: TOTAL (f)	CONTRACTOR'S OFFER OR PROCEEDS OF SALE (g)	FOR USE OF CONTRACTING AGENCY ONLY
[redacted]	1	Lens, f1.9 50mm Schneider Xenon YRSUX	-	Loose		1	ea.		[redacted]		
	2	Flow Meter, Schutte & Koertig Co.	-	"		1	"				
	3	30-Gal. Water Tank	-	"		1	"				
	4	Heat Exchanger 15" x 11" x 8"	-	"		1	"				
	5	Chiller for Freon Coolant - Special	-	"		1	"				
	6	Bendix-Westinghouse Compressor Unit	-	"		1	"				
	7	Heat Exchanger 24" x 24" x 4 Row	-	"		1	"				
	8	Centrifugal Pump, Allis Chalmers 2 x 2 Model C-1 with D Rails	-	"		1	"				
	9	#F-600-600 Diaphrams (2 ea.)	-	"		4	"				
	10	2 ea. 3-Way Valves #8314-36-115V.	-	"		2	"				
	11	Bell Jar, Van Waters #14150 12" x 12"	-	"		1	"				
	12	Liquid Level Control ALCO J.56	-	"		1	"				
	13	Pump, Blackmer XS-1 1/4 A	-	"		1	"				
	14	Pump, Viking H-156	-	"		1	"				
	15	Lens, Element #12, Obsolete	-	"		1	"				
	16	Cemented Doublet - El 1 and 2	-	"		1	"				
	17	Cemented Doublet - El 3 and 4	-	"		1	"				
	18	Gas Bearings, Large, Fox Instrument Co.	-	"		2	"				
	19	Airpot, Electric Regulator Co.	-	"		1	"				
	20	JIG - 0 - Seals (Assorted)	-	"		72	"				
	21	JIG - 0 - Seals	-	"		4	"				
	22	Castings, Dwg. C-856 - Cover	-	"		3	"				

DD FORM 1 APR 57 543c REPLACES DD FORM 543-1, 1 JUL 51 WHICH IS OBSOLETE.

DEPARTMENT OF DEFENSE

INVENTORY SCHEDULE B—CONTINUATION SHEET

[XX] TERMINATION [ ] NON-TERMINATION

Form approved. Budget Bureau No. 22-R075.

[X] RAW MATERIALS (Other than Metals) [X] PURCHASED PARTS [X] FINISHED COMPONENTS [X] FINISHED PRODUCT [X] MISCELLANEOUS

[redacted] | SUBCONTRACT OR P. O. NO. | REFERENCE NO. | PROPERTY CLASSIFICATION (See Instruction on DD 543) | DATE 5 April 1965 | PAGE NO. 2 | NO. OF PAGES 2

FOR USE OF CONTRACTING AGENCY ONLY	ITEM NO. (a)	DESCRIPTION ITEM (b)	GOVERNMENT PART OR DRAWING NUMBER AND REV. NUMBER (b1)	TYPE OF PACKING (Bulk, bbls, crates, etc.) (b2)	CONDITION (Use code) (c)	QUANTITY (d)	UNIT OF MEASURE (d1)	COST (For finished product, show contract price instead of cost) UNIT (e)	COST TOTAL (f)	CONTRACTOR'S OFFER OR PROCEEDS OF SALE (g)	FOR USE OF CONTRACTING AGENCY ONLY
[redacted]	23	Castings, Dwg. D-455 - Reel Hsg.	-	Loose		2	ea.		[redacted]		
	24	Casting Dwg. E-314 - Film Tray	-	"		1	"				
	25	Pattern, Dwg. C-856 - Cover	-	"		1	"				
	26	Pattern, Dwg. D-455 - Reel Hsg.	-	"		1	"				
	27	Pattern, Dwg. E-314 - Tray	-	"		1	"				
	28	Pattern, Dwg. F-185 - Potty Chair	-	"		1	"				
	29	Pattern, Dwg. D-592 - Lens Holder	-	"		1	"				
	30	Pattern, Dwg. D-594 - Lamp - Inside	-	"		1	"				
	31	Pattern, Dwg. D-595 - Lamp - Outside	-	"		1	"				
	32	Pattern, Dwg. D-596 - Front Plate	-	"		1	"				
	33	Pattern, Dwg. E-363 - Film Drive Hsg.-cover		"		1	"				
	34	Pattern, Dwg. E-364 - Film Drive Hsg.	-	"		1	"				
	35	Pattern, Dwg. E-365 - Film Gate Tray	-	"		1	"				
	36	Pattern, Dwg. D-559- Motor Mount	-	"		1	"				
	37	Pattern, Dwg. D-475- Motor Cover	-	"		1	"				

DD FORM 1 APR 57 543c REPLACES DD FORM 543-1, 1 JUL 51 WHICH IS OBSOLETE.

[redacted]

STATINTL

March 10, 1965

Dear John:

An analysis of the problem in 165, namely "jerkiness" during scan at high power, has been made.

The facts show that the incremental change in pulse width of driving current to the tensioning motors (causing jerkiness) is due to the wire to wire resolution in the tension sensing pots. Since a tight loop servo system is used, the system tries to correct for momentary frictions etc., and oscillates from one turn on the pot to the next turn. This movement is very small being between one and two thousanths of an inch at the dancer arm roller itself.

To correct this situation, two new sensing potentiometers are being ordered. These will be Helipot Cermet devices, in which the resolution is "essentially infinite". Physically they will be identical, so replacement can be readily accomplished at your site.

Delivery of the new pots can be expected in about 60 days.

STATINTL [redacted]

Project Engineer

STATINTL

[redacted]

12 March 1965

Dear John:

We are just completing the new drawbars which will be sent under separate cover. This will enable you to tighten up the film spool adaptors to the torque drive system without the aid of "vise grips".

From the symptoms which Del relayed to me, I would say that the reason the capstan is slipping is that the tensioning system is unbalanced. There are two variables in each tensioning system--the adjustment of the potentiometer (angular rotation) and the setting of the spring tension adjusting nut. Together, these determine the current (torque) to their respective motors. As the torque to the motors varies with the diameter of film on the spool to keep the tension constant, adjustment should be made when there is an equal amount of film on both spools. With 500' of 9-1/2" film divided evenly between the two reels, the voltage across each tension motor should be about 3.1 volts. This may vary somewhat. Be sure to run the film in both directions (scan or joystick) while checking to remove the effects of friction.

Simplest adjustment is made by turning the adjusting nut on the spring bracket. Do not turn the bolt to which the spring is attached, but only the nut which will increase or decrease the tension in the spring and the voltage across the motor.

As a check, at 6X, the capstan might slip occasionally when going from full speed scan in one direction to the other. Also, when slewing, if balance is okay the film will stop abruptly from either direction and will start more or less the same in either direction.

12 March 1965

Check also that the dancer arm is not loose on the shaft, either inside or outside. This would cause an unbalanced condition.

Call me if this does not clear up the trouble.

Sincerely yours,

STATINTL [redacted]

Project Engineer

DAW/clt

NPIC 3011
File
99 1053
JR
30 Dec

25X1A [redacted]

REGISTERED

25X1A [redacted]

ATTENTION: [redacted]

25X1A

SUBJECT : [redacted]

Gentlemen:

Pursuant to the telephone conversation 17 December 1964, between
25X1A my representative and [redacted] this will confirm the instruction
given you for shipment of the item under the subject contract.

The item shall be consigned via special truck transport, F.O.B destination, to the office of your representative in Washington, D. C., for ultimate disposal.

Your cooperation in this matter is appreciated.

Very truly yours,

25X1A [redacted]

Contracting Officer

25X1A [redacted]

Duly Authorized Representative

Distribution:
1 - File
1 - NPIC
1 - Security Office
1 - 903
1 - PD/OL
1 - Contractor (Original)

NOTICE

This material contains information affecting the national defense of the United States within the meaning of the espionage laws, Title 18, USC, Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

GROUP 1
Excluded from automatic downgrading and declassification

NPIC/PMDS-233-64

14 December 1964

MEMORANDUM FOR: Chief, Support Staff, NPIC

ATTENTION : Chief, Logistics Branch, SS
Chief, Security Branch, SS

25X1A

SUBJECT : Shipment of the [redacted]
Variable Width Film Reader

25X1A

REFERENCE [redacted]

25X1A

1. The Variable Width Film Reader is being prepared for shipment to the NPIC and is currently scheduled to leave [redacted] on or about the 15th of December 1964 by truck and should arrive in Washington during the week of 20 December.

2. In the opinion of both the project monitor and the manufacturer any off-loading or transferring of the equipment between vehicles should be avoided due to the delicate nature of the equipment.

3. To avoid off-loading the equipment at the warehouse, it is requested that the manufacturer be permitted to consign the

25X1A

shipment to [redacted] by whatever address the Logistics Branch may so designate.

25X1A

[redacted]

5. Although it seems unnecessary, the manufacturer can have a representative at the building when the equipment is delivered to assist in the off-loading. On either the 28th of December or the 4th of January a team of about four men will arrive at NPIC

25X1A

to install the reader. [redacted]
The names of the install[redacted]

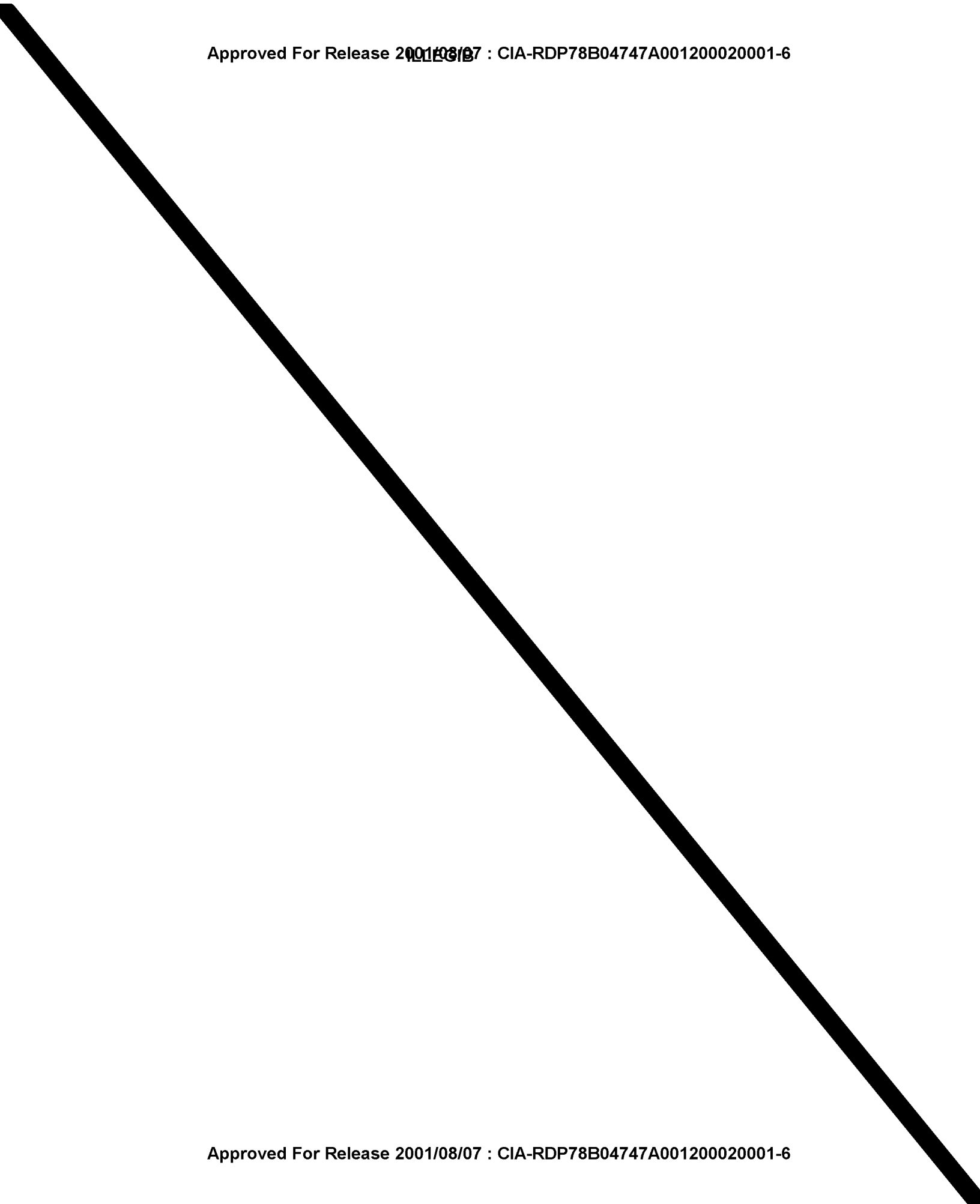
25X1A

[redacted] is fully aware that [redacted]

ILLEGIB

[redacted] Assistant for Plans and Development

GROUP 1
Excluded from automatic downgrading and declassification



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14 Dec

11 December 1964

Attention: Contracting Officer

Gentlemen:

Subject: Contract [redacted] STATINTL

In reference to your letter of December 7, 1964 the G.F.E. items listed on the attached packing list have been shipped via air express.

We have received subsequent instructions from your project engineer to have [redacted] forward the equipment directly to your eastern facility to meet and be installed in our equipment near the end of this month. STATINTL

It was necessary to ship additional material than mentioned in your letter to facilitate complete testing by [redacted] STATINTL

If we may be of further assistance, please do not hesitate to contact the undersigned.

STATINTL

Very truly yours,

[redacted]

[redacted] STATINTL

BCJ:lhf Business Manager

Enc.

cc: John

STATINTL [redacted] JOB 165

STATINTL Shipping Address: [redacted]

STATINTL Contents:

1 (one)	[redacted]	Synchronizer, Ser. No. 1
2 (two)		Counters, Ser. No. 1 & 2
1 (one)		Panel, Ser. No. 1
lot		Miscellaneous connecting cables (13)

[redacted]

Dear John:

Subject: VWFR, Connector - Main Power

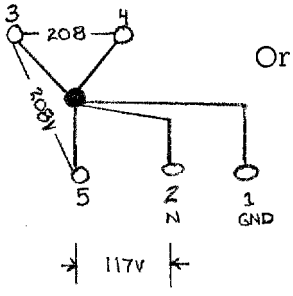
1. We are buying a Crouse Hinds Plug RPC-133-153 P09A for main power cord connection. This is a 4-wire, 5-pole 60 amp unit for 480VAC with grounded shell.

2. You should buy mating socket, namely Crouse Hinds RPC-233-014 S09A-ARE56 with 1-1/2" hub, or RCP-233-014 S09A-ARE46 with 1-1/4" hub.

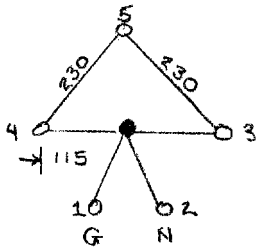
3. You should supply and wire socket with:

Pin 1	Grounded
Pin 2	Neutral
Pin 3)	3Ø 208V WYE
Pin 4)	
Pin 5)	50 amps

Preferably,



Or, Alternately,



Very truly yours,

[redacted]

Director of Operations

c.c. [redacted]

4/23/64

WHM:jb

CONFIDENTIAL

8 April 1964

MEMORANDUM FOR: Assistant for Administration

25X1A ATTENTION : [redacted]

25X1A SUBJECT : Revised installation requirements for the [redacted] Film Reader

25X1A 1. Attached are revised building installation engineering forms for the [redacted] Variable Width Film Reader.

2. If any questions arise concerning the attached information, please contact the undersigned as soon as possible. The proposed shipping date for the Reader is mid-May.

25X1A [redacted]
Development Branch, P&DS

Attachments:
As Stated

Distribution:
Original & 1-Addressee w/a

CONFIDENTIAL

STATINTL

STATINTL

[redacted]

Dear John:

Per our telephone conversation of Tuesday 31 March, this is to confirm the following:

1. We will require water at the rate of 10 gallons per minute not exceeding 50°F. Water is assumed to be treated against the formation of algae.

STATINTL

2. [redacted]will supply water hose connections for inlet and outlet. These connections will consist of four feet of hose and a pair of male and female quick disconnect couplings for each end of each hose. We will mate these couplings to the pipe at your facility. Would you please let us know the nominal size of the supply and return water lines.

3. The VWFR will consist of a basic machine and separate lamp power supply. Dimensions of the separate package are: 18" wide, 27-1/2" long, and 43" high. Warm air will be vented from this cabinet as noted in (4) below.

STATINTL

4. [redacted]will duct all hot air exhausted from the machine to one point of exit on the machine which will be located at an as yet undetermined point on the top of the machine. The only exception to this will be hot air exhausted from the lamp power supply. That air will be ducted from the top of the power supply to join the duct leaving the top of the reader.

5. Total heat and cooling loads are summarized below:

   a. Water - 13,500 BTU's
   b. Hot air ducted to exhaust from reader - 5200 BTU's
   c. Hot air ducted to exhaust from lamp power supply - 3000 BTU's

Very truly yours,

STATINTL

[redacted]

Director of Operations

WHM:jb

INSTALLATION ENGINEERING

I INSTRUMENT

A. Name VARIABLE WIDTH FILM READER STATINTL

B. Manufacturer [redacted] STATINTL

C. Contract Number [redacted]

II PHYSICAL FEATURES

A. Number of Component Parts: Two Separate Packages

B. Dimensions of the Largest Component Part: (See Back of Sheet 1)
Length 7 ft 11 in.
Width 3 ft 10 in.
Height 6 ft 6 in.

C. Weight of Largest Component Part Approximately 2600 lbs

D. Total Weight of Instrument " "

E. Overall Dimensions Assembled:
Length 9 ft 6 in.
Width 4 ft 6 in.
Height 6 ft 6 in.

F. Type of Base of Mount:
Flat _____. Three Point Suspension X. Four point _____.

G. Does Instrument have built-in mobility? Yes

H. Is the instrument particularly sensitive to vibration? Yes

I. Are any special or unusual tools or fixtures necessary or advisable for the installation or maintenance of this equipment? Yes
Forklift and Dolly for Offloading.

III UTILITIES

A. Electrical:

	AC	DC
Voltage	208 volts ± 15 volts	_____
Current	40 amps	_____
Frequency	60 cps	
Number of phases	3	
Number of wires	5	
Power required by equipment	7000 watts	_____ watts
Type of outlet required:	Two prong _____ Three prong _____	
	Twist lock X	
	Permanent Installation _____	

Should the equipment be shielded, either from external electromagnetic signals, or to prevent interference with other equipment?
No

II B. Dimensions of Lamp Power Supply:

Length: 27-1/2"
Width: 18"
Height: 43"

This package will remain as a separate unit connected to the viewer only by cable and the air exhaust connection.

III B. The heat loads dissipated to air are summarized below:

Hot air ducted to room exhaust from reader: 5200 BTU/hr
Hot air ducted to room exhaust from lamp power supply: 3000 BTU/hr

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B. **Air Conditioning:** (See Back of Sheet 1)
Room temperature 68-70° Humidity 50-60%
Output of Instrument 25,000 BTU/hr.
If air must be filtered, what is maximum permissible particle size in microns? --- What particle count? --- per cubic foot.
Direct connection to instrument? Yes ___ No X
If yes to above, what is the desired air temperature to instrument?

Should discharged air be ducted separately? Yes X No ___
Is discharged air noxious? No Toxic? Slightly
Connector size to instrument 5"

C. Plumbing:
Is water required for the instrument? Yes X No ___
Water pressure 40 psig Flow in GPM 10
Type of water desired:

Tap	___°F ± ___°F		
Tempered	47 °F ± 3 °F	(i.e., from 44 to 50)	
Deionized	___°F ± ___°F		
Filtered	___°F ± ___°F	Particle size and count per unit volume.	

Type of pipe required:

Galvanized	___	Copper	___
Stainless Steel	___	Plastic	___

Is floor drain required?

Diameter of Drain	___	Galvanized drain	___
Plastic drain	___	Glass drain	___

D. Compressed Air:

Diameter of connectors	___	Type of connectors	Quick Connect
PSI	110	Water free?	Yes
CFM	10	Oil free?	Yes

E. Vacuum:
Is vacuum required: No
Vacuum required ___ PSIA or ___ (inches)(millimeters) of Hq
Displacement ___ CFM ___

IV REMARKS

In the event additional space is required for environmental conditions or utilizies not mentioned above, use the reverse of this form.

Variable Film Reader

17 February 1964

MEMORANDUM FOR: Chief, Logistics Services Division, OL

THROUGH: Chief, Administrative Staff, O/DDI

Deputy Director (Support)

SUBJECT: Modifications Needed in Room 3S455-D[redacted] 25X1A

1. It is requested that the GSA, Anacostia Group Force, be authorized to modify the air conditioning system and electrical circuits and install a compressed air line in Room 3S455-D[redacted] 25X1A as contained in Attachment A. These modifications are necessary to provide the environmental conditions needed for a piece of equipment scheduled to be delivered the latter part of April 1964. A cost of [redacted] 25X1A has been estimated for this work and may be charged to NPIC 25X1A Allotment Account [redacted]

2. Exploratory discussions with the mechanical engineers of the [redacted] 25X1A and with [redacted] of RECD/OL indicate that the Group Force has the engineering know-how and manpower to accomplish this work. The renovations are similar to others made in [redacted] and should pose no great problem in design or engineering. 25X1A

3. In order that this area may be made ready prior to delivery of the instrument, it is requested that GSA Group Force assign top priority to this job.

ILLEGIB

[redacted]

25X1A SUBJECT: Modifications Needed in Room 3S455-D [redacted]

25X1A 4. For further information on this subject, please refer to [redacted]

25X1A [redacted]
Assistant for Administration, NPIC

Enclosure: Attachment A

25X1A CONCUR: [redacted] Date
Chief, Administrative Staff,
O/DDI

APPROVED: [redacted] Date
25X1A Deputy Director (Support)

Distribution
Orig. & 1 - Addressee
1 - Chief, Admin Staff, O/DDI
1 - DD/S
1 - P&DS/Dev Br.
1 - AS/NPIC/LB
1 - As/LB/BSS
1 - AS
1 - Chrono

25X1A AS/NPIC/LB [redacted] 17 February 1964)

ILLEGIB

[redacted]